

South Carolina DesCartes Framework

Below is the framework upon which your version of DesCartes is based. In order to present the information in a manner that best supports instruction, in some instances it was necessary to modify the organization and grouping of content. This framework outlines the subject-area information found within DesCartes.

Mathematics 6+

1. Number and Operations

- a. Number
- b. Operations: Add and Subtract
- c. Operations: Multiply and Divide
- d. Ratio, Rates, Proportion, and Percent
- e. Powers, Roots, and Absolute Value

2. Algebra

- a. Patterns, Relations, and Functions
- b. Symbols, Variables, and Expressions
- c. Equations and Inequalities

3. Geometry

- a. Two- and Three-Dimensional Shapes
- b. Spatial Reasoning and Coordinate Geometry
- c. Transformations, Congruency, Symmetry, Similarity

4. Measurement

- a. Money, Length, Weight, Time, and Temperature
- b. Angle Measure, Perimeter, Circumference, Area
- c. Volume and Surface Area

5. Data Analysis and Probability

- a. Organize, Interpret, Analyze, Predict Using Data
- b. Measures of Central Tendency and Range
- c. Probability